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VOSKRESENSKIY, P. *B-II-5*

Swelling of films as an indirect method of determining relative micellar dimensions. P. Voskresenskiy (J. Appl. Chem. Russ., 1936, 8, 128-132).—The relative dimensions of the micelles of films of cellulose derivatives are calc. from measurements of the increase in length and breadth after saturation with H₂O (vapor). A correction is applied for non-unidirectional orientation of the micelles, as determined radiographically. R. T.

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VOSKRESENSKIY, P.

"Laboratory manual of gravimetric analysis" by N.I.
Tarasevich. Reviewed by P.Voskresenskii. Zhur.anal.khim.
15 no.3:378-380 My-Je '60. (MIRA 13:7)
(Chemistry, Analytical--Quantitative)

VOSKRESENSKIY, P. (Reviewer)

"Techniques of laboratory work in organic chemistry." A.IA.Berlin.
Reviewed by P.Voskresenskii. Khim.prom, no.2:127 Nr '54. (MLRA 7:6)
(Chemistry organic--Laboratory manuals)

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Perfect air traffic control. Grazh. av. 12 no.5:18 My '55.
(Air traffic control) (MIRA 8:9)

SOV/137-58-8-16339

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 15 (USSR)

AUTHOR: Voskresenskiy, P.I.

TITLE: Improvement of a Method of Determining the Dust Content of Gases by Weight (Usovershenstvovaniye vesovogo sposoba opredeleniya zapylennosti gazov)

PERIODICAL: Sb. materialov po pyleulavlivaniyu v tsvetn. metallurgii. Moscow, Metallurgizdat, 1957, pp 426-431

ABSTRACT: Improvement of an apparatus for determining losses as dust by automation of samplings of the dust content of gases at establishments in nonferrous metallurgy is described. In the semiautomatic device developed by Gintsvetmet, the processes of sampling and filtering the gas are automated, and this makes it possible for a single laboratory assistant to serve a large number of sampling points. The design of the device is presented and its various components are described.

M. L.

Card 1/1 1. Gases--Impurities 2. Particles (airborne)--Determination
3. Particles (airborne)--Physical properties

VOSKRESENSKIY, P.I.

"Manual of problems and exercises in analytical chemistry"
by A.A. Iaroslavtsev. Reviewed by P.I. Voskresenskiy.
Khim.prom. no.4:349-350 Je '60. (MIRA 13:8)
(Chemistry, Analytical) (Iaroslavtsev, A.A.)

VOSKRESENSKIY, Petr Ivanovich; ODERBERG, L.N., red.; SHPAK, Ye.G.,
tekh. red.

[Laboratory work and equipment] Tekhnika laboratornykh rabot;
izd. 5., perer. i rasshirenoe. Moskva, Goskhimizdat, 1962.
532 p. (MIRA 15:11)

(Chemistry—Laboratory manuals)

VOSKRESENSKIY, P.I.

How to determine the ores of useful minerals during school
excursions. Geog. v shkole 25 no.3:67-71 My-Je '62. (MIRA 15:7)
(Mineralogy, Determinative)

SOV/136-59-7-5/20

AUTHORS: Voskresenskiy, P.I., Gordon, G.M., Tsetlin, V.M.

TITLE: Dust Catching in Experimental-Production Electrothermic Furnaces with Gas-Tight Charging Gear

PERIODICAL: Tsvetnyye metally, 1959, Nr 7, pp 23-30 (USSR)

ABSTRACT: In recent years the advantages of electrothermic processes have led to their adoption at several Soviet works. But there is little published data on gas cleaning for the conditions of such processes: low flow of explosive and toxic gas with several hundred g of zinc and lead dust per m³. The authors describe their investigation of gas cleaning systems at two works. Ye. N. Belyayev and V.N. Tsessarskiy of Gintsvetmet, and A.A. Darchiyev and T.F. D'yachenko of the Belovskiy tsinkovyy zavod (Belov Zinc Works) participated in the work. At the Irtysh works the installation has been modified on the advice of Gintsvetmet and now consists (Fig 1) of a dust chamber, inertia-type dust catcher, scrubber and air ejector. A floating-screw conveyor is used (Fig 2) for removing dust

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Dust Catching in Experimental Production Electrothermic Furnaces
with Gas-Tight Charging Gear

from the chamber. At the Belovo Zinc Works there is one system (Fig 3) for metallic-zinc production by condensation from the liquid phase including an inertia-type dust catcher provided with a type I-85 electromagnetic vibrator and a scrubber with a two-bath settler. For zinc-dust production the system (Fig 4) consists of two vertical bunker-condensers in parallel with tangential gas entry, an inertia-type dust catcher and a scrubber. In the experiments gas flow rates were calculated from the CO + CO₂ content together with the weights of coke used or zinc distilled; checks were made with an anemometer. The systems studied involve long scrubber gas transit-times with high spray rates and efficiencies of 98.2-99.9%. The dust catchers (Table 2) at the Irtysh works operated at 57.0% efficiency, those at the Belovo works at 83.1 (condensation) and 80.2% (powder). The authors note that inlet-dust mean equivalent diameter data, obtained with Tovarov's apparatus fail to indicate actual behaviour since intense coagulation occurs in dust-catching systems.

Card 2/3

SOV/136-59-7-5/20

Dust Catching in Experimental Production Electrothermic Furnaces
with Gas-Tight Charging Gear

They recommend extension to gas cleaning at the Belovo works and state that the use of inertia-type dust catchers at the Irtysh works has given a 60-% reduction in the dust precipitated in the scrubbers. There are 4 figures, 2 tables and 6 references, 5 of which are Soviet and 1 English.

ASSOCIATION: Gintsvetmet

Card 3/3

VOSKRESENSKIY, P. I.

State Scientific Research Institute Non-Ferrous Metallurgy. "Analytical reactions between stable materials" Lecture Session A

Report submitted for the General Meeting on Modern Methods of Analytical Chemistry. Merseburg, East Germany, 24-25 Oct 63

REZNIK, I.D.; VOSKRESENSKIY, P.I.; KRUGLYAKOVA, M.S.

Moisture of flue gases during the agglomeration of oxidized nickel
ores. TSvet. met. 31 no. 7:51-55 J1 '58. (MIRA 11:8)

1. Gintsvetmet.

(Nickel--Metallurgy)

VOSKRESENSKII, P. I.

Plastic masses. P. I. Voskresenskii and K. T. Patu-
shin. Russ. Inzh. Zhurn. 1910. An alk. soln. of
vegetable albumin is treated with a soln. of sulfonaphthoic
acids and the residual residue is treated in the manner cus-
tomary in the industry for plastic masses.

5(0)

AUTHOR:

Voskresenskiy, P. I.

SOV/64-59-2-23/23

TITLE:

Review and Bibliography (Kritika i bibliografiya).
S. A. Beskov, O. A. Slizkovskaya, Analytical Chemistry,
Uchpedgiz, 1956, 590 Pages + 4 Colorprints (S. A. Beskov,
O. A. Slizkovskaya, Analiticheskaya khimiya, Uchpedgiz, 1956 g.,
590 str. + 4 tavetn. tabl.)

PERIODICAL:

Khimicheskaya promyshlennost', 1959, Nr 2,
pp 184-185 (USSR)

ABSTRACT:

The book mentioned in the title is reviewed by Voskresenskiy and negatively criticized. The book is meant to be a textbook for universities. It contains many methodical errors, superficially treated passages, and even essential mistakes. E. g. no distinction is made between physical and physico-chemical methods of analysis. The first chapter on the theoretical fundamentals of analytical chemistry is extremely unclear. Almost in the entire book rounded off numbers are given instead of the precise atomic and molecular weights, which e. g. in quantitative analysis is inadmissible. The theoretical chapters of the book are unsatisfactory, such as

Card 1/2

Review and Bibliography. S. A. Beskov,
O. A. Slizkovskaya, Analytical Chemistry,
Uchpedgiz, 1956, 590 Pages + 4 Colorprints

SOV/64-59-2-23/23

"Water Dissociation", "Hydrolysis", the complex compounds, etc. A careless laboratory style is used, an undue weighing technique is given, as well as individual wrong data, and outdated explanations. Since in 1958 a second edition of this book was published, the author of this review points out that the Ministerstvo prosveshcheniya RSFSR (Ministry of Education RSFSR) should carry out a more thorough examination of textbooks for analytical chemistry.

Card 2/2

1. VOSKRESENKIY, P. I.
2. SSSR (600)
4. Microchemistry
7. "Qualitative microchemical analysis." K. L. Malyarov. Reviewed by
P. I. Voskresenkiy.
Sov. kniga No. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. VOSKRESENSKIY, P.I.
2. USSR (600)
4. Maliarov, K.L.
7. "Qualitative microchemical analysis." K.L. Maliarov, Reviewed by P.I. Vaskrenskiy, Sov.kniga no. 11, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Uncl.

1. VOSKRESENSKIY, P. I.
2. USSR (600)
4. Distillation
7. "Technique of laboratory distillation and redistillation." Reviewed by P. I. Voskresenskiy. M. I. Rozengart. Sov.kniga, no. 1, 1953.

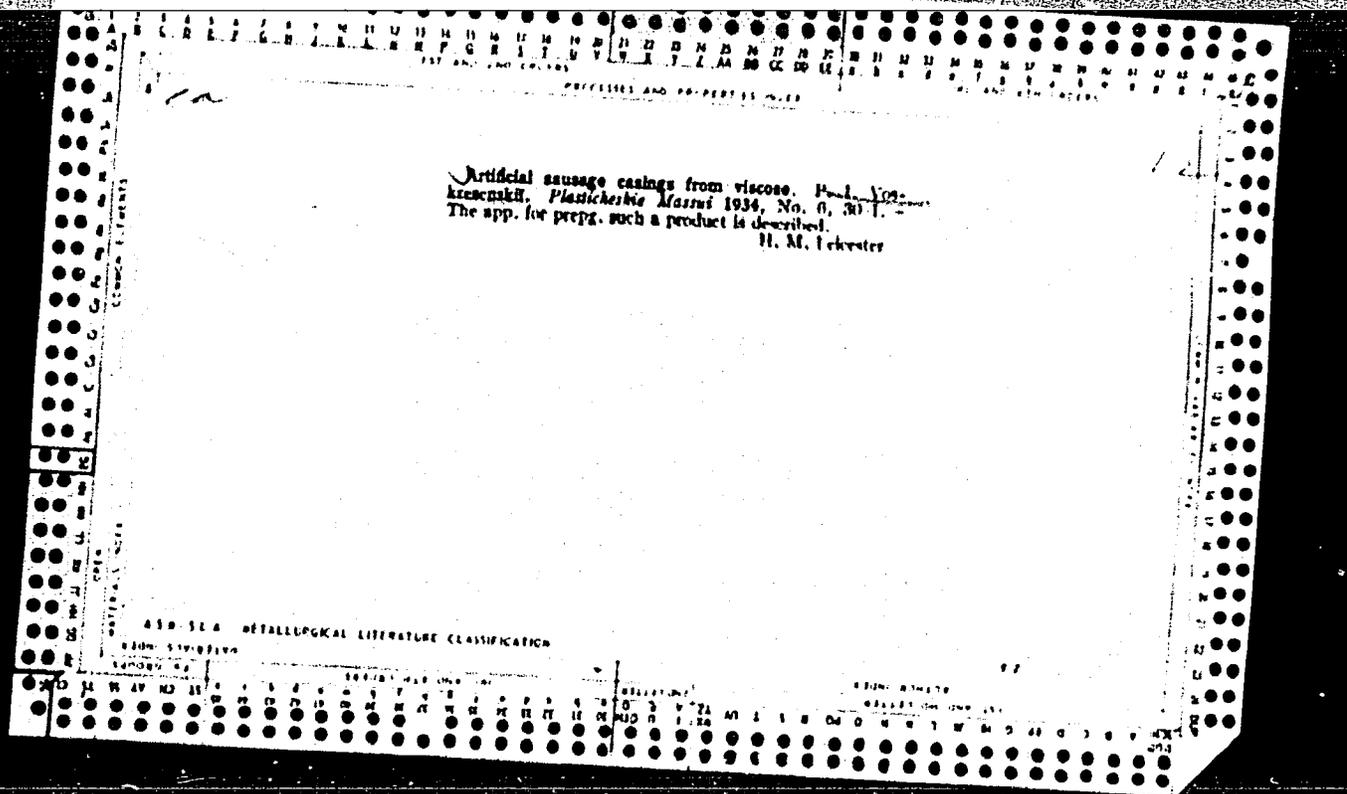
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

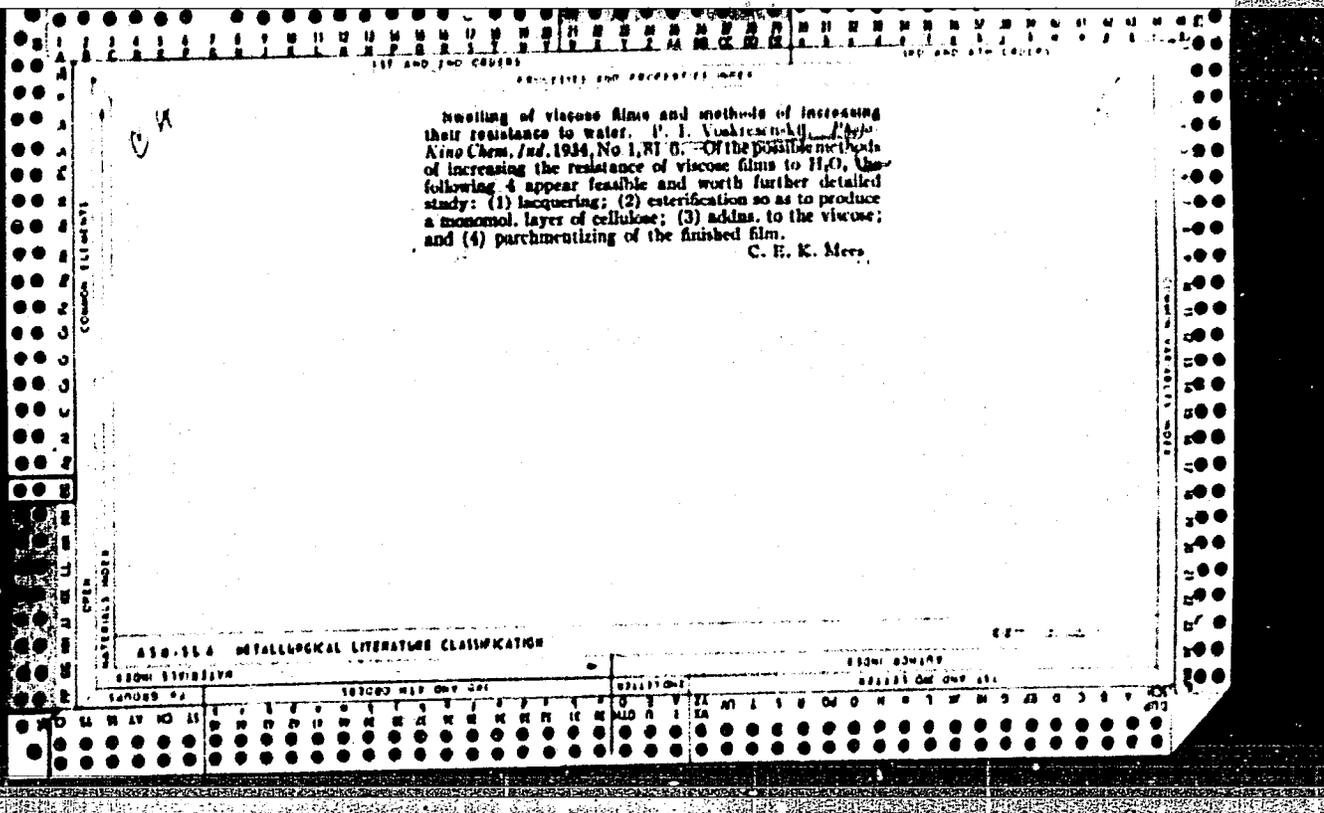
VOSKRESENSKIY, P.I.; GORDON, G.M.; TSETLIN, V.M.; Primalni uchastiye:
BELYAYEV, Ye.N., master; TSESSARSKIY, V.N., laborant; DARCHIYEV,
A.A., master; D'YACHENKO, T.F., laborant

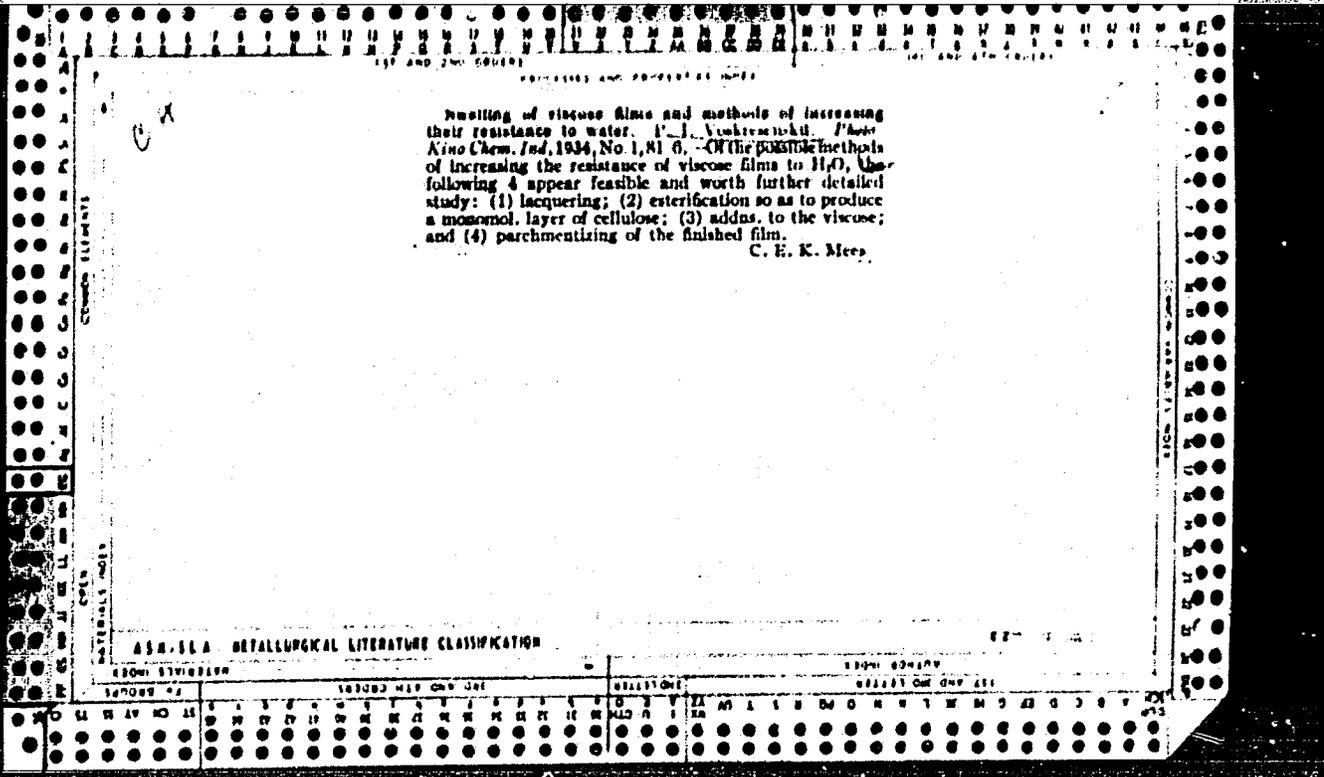
Dust collection at pilot plant electrothermal furnaces with
air-tight charging arrangements. Sbor. nauch. trud. Gintsvetmeta
no.18:187-198 '61. (MIRA 16:7)

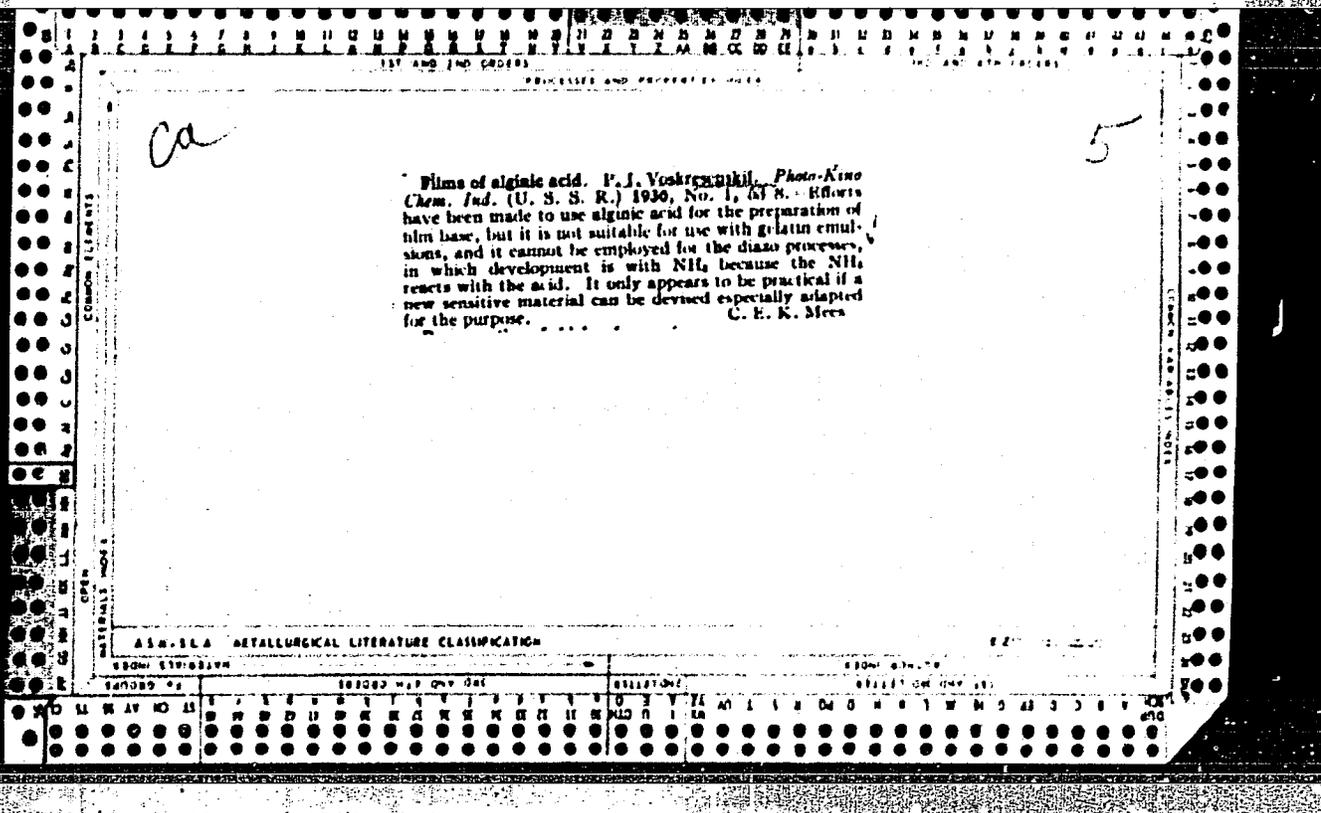
1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh
metallov (for Belyayev, Tseessarskiy). 2. Belovskiy tsinkovyy
zavod (for Darchiyev, D'yachenko).

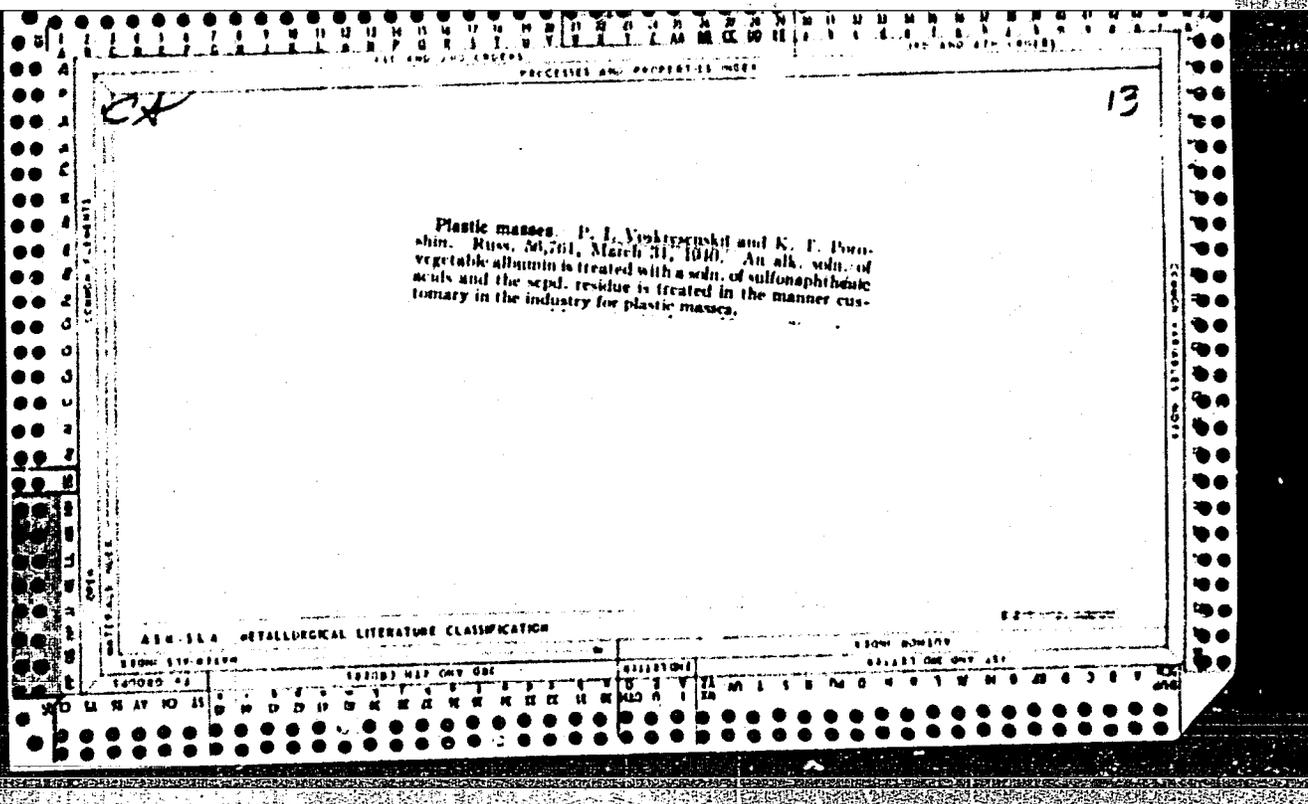
(Electric furnaces--Equipment and supplies)
(Dust collectors)











PROCEDURES AND PROPERTIES INDEX

2

Swelling of films as indirect method of determining relative sizes of micelles. P. I. Voskresenskii. *J. Appl. Polym. Chem.* (U. S. S. R.) 6, 128-32 (1954). - The film swelling method as used by Sheppard and Newman (C. A. B. 26, 3641) and extended by V. by optical detns. of the degree of orientation of the micelles may be used for indirect detns. of the relative sizes of the micelles yielding fairly accurate results. This method may also be used for checking substances such as cellulose films from viscose for the characterization of the linear changes in film measurements, the performance of the process and to some extent for the characterization of the raw material used. Four references. A. A. Boehling

ASAC-SEA METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED INDEXED SERIALIZED FILED

APR 1954

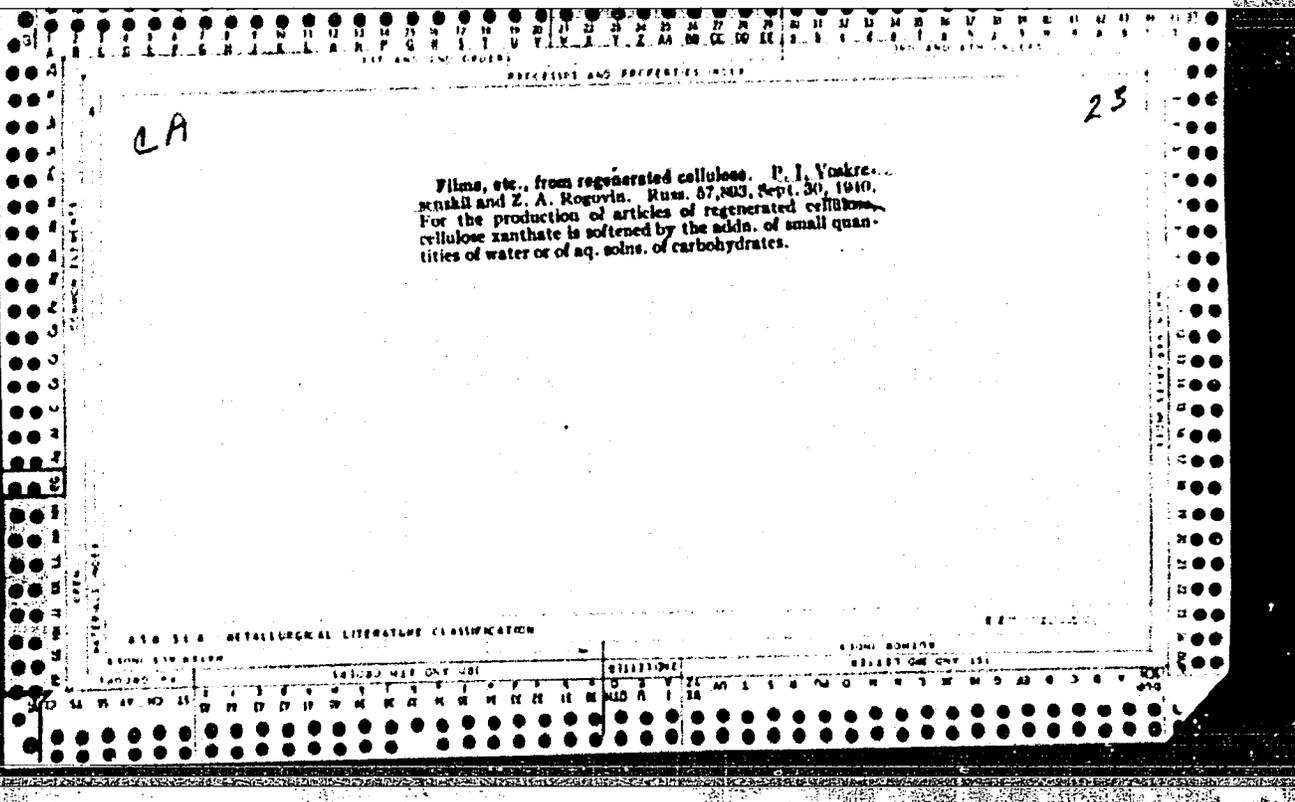
21

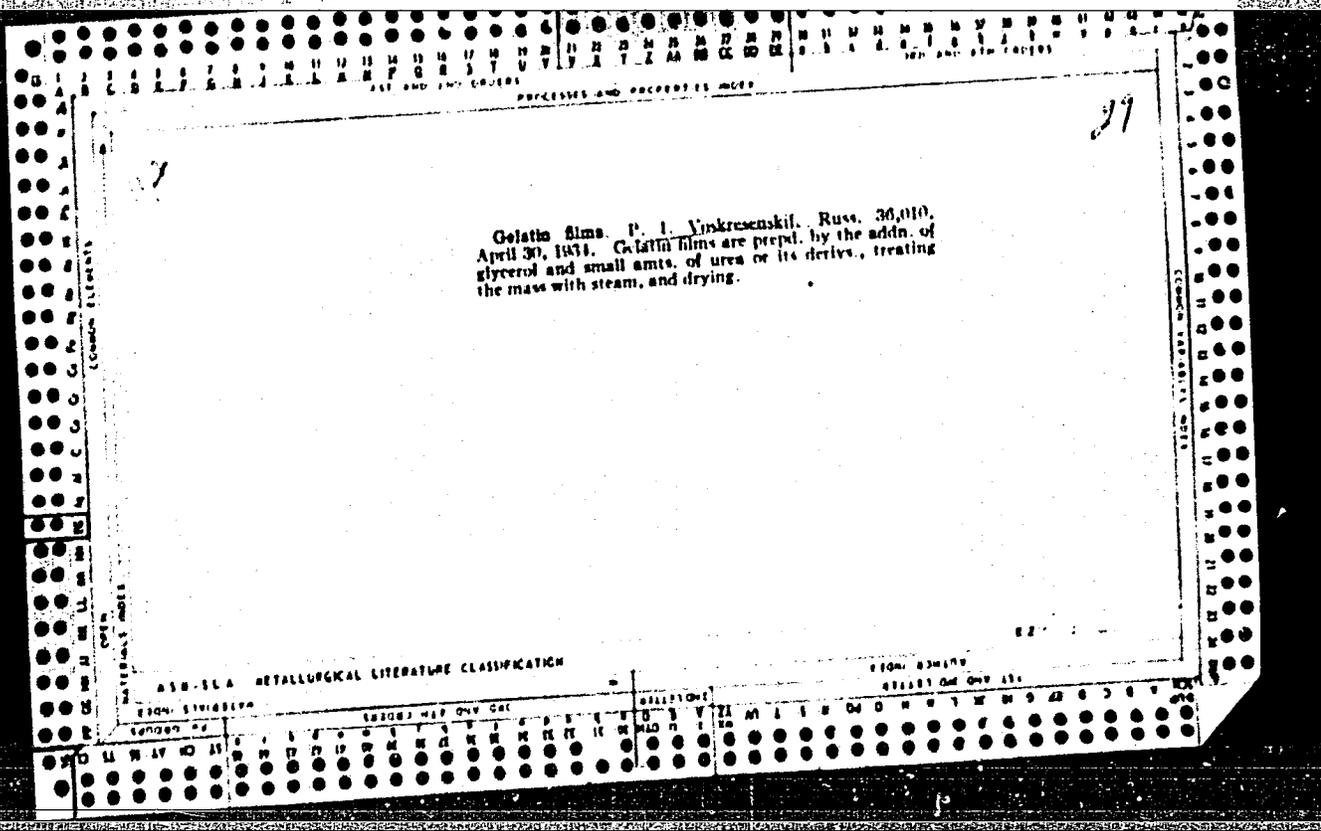
CA

Glues. P. I. Vostresenski and I. S. Kizlet. U.S.S.R. 04,311, Feb. 28, 1945. Aq. solns. of proteins are pptd. with an alkylphthalene sulfonic acid, or with a salt of this acid in the presence of a mineral acid. The ppt. is washed and then melted. Heating the ppt. to 50-60° hastens the sepn. of H₂O. M. Hirsch

ASAC-55A METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100





PROCESSING AND REPRODUCTION

23

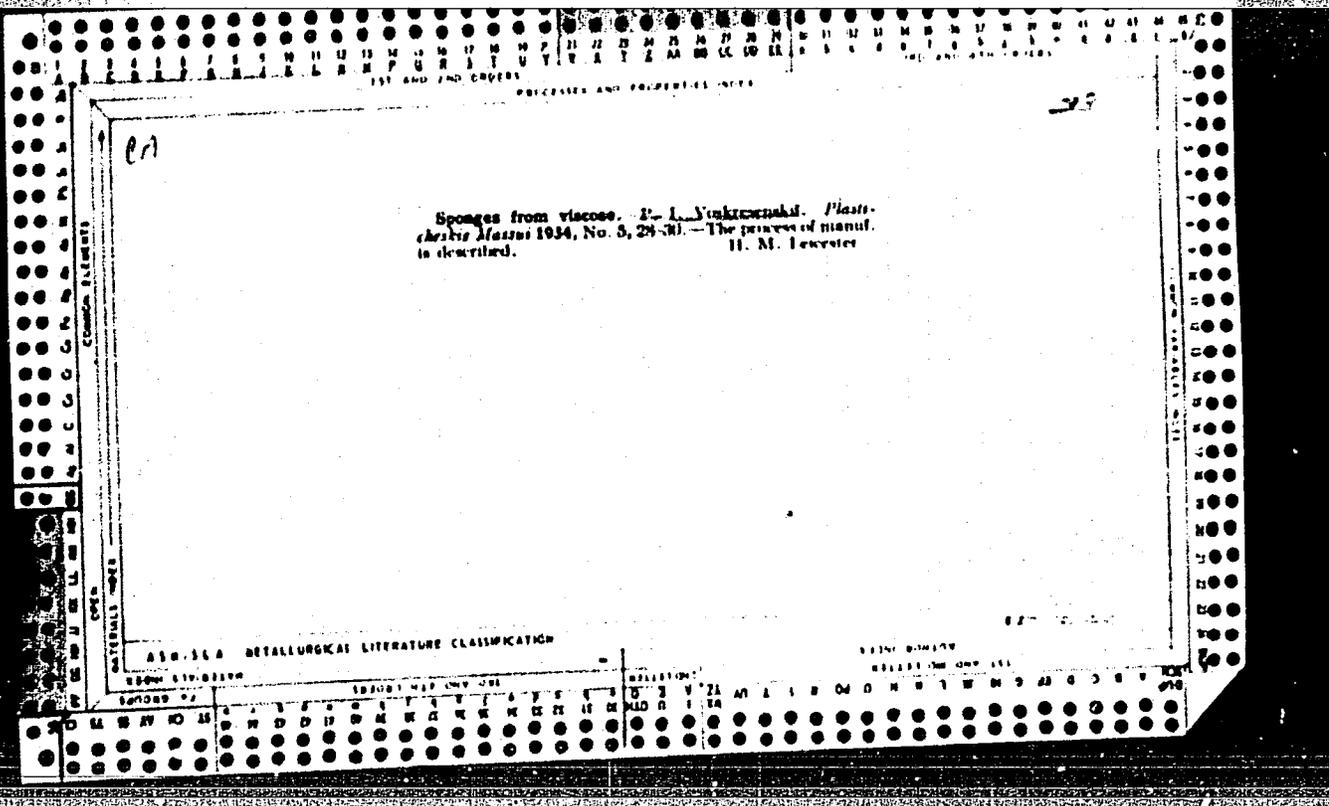
ca

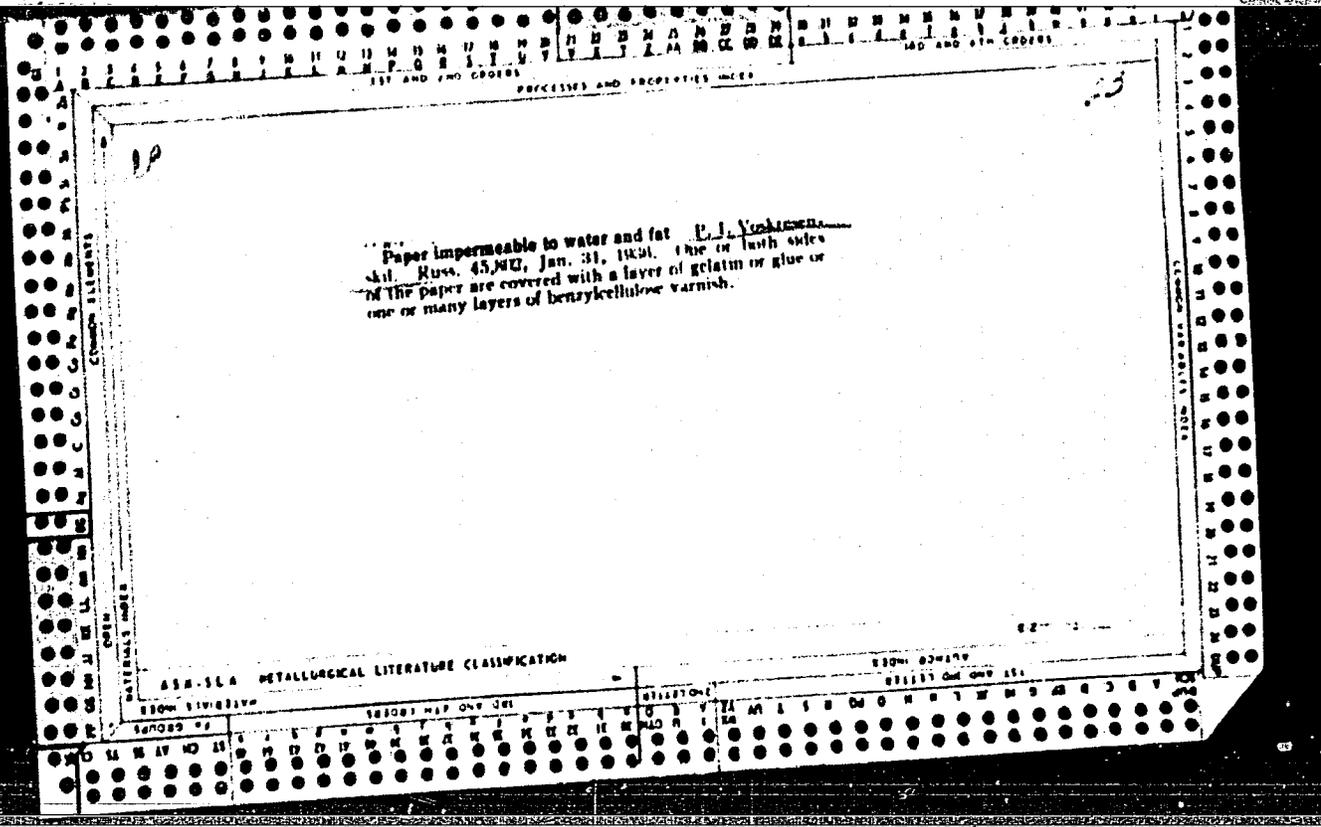
The influence of temperature on the ripening of viscose.
 P. I. Voskresenskiĭ. *J. Applied Chem. (U. S. S. R.)* 7, 967-71 (1934).—Sulfite cellulose was mercerized with 18.5% NaOH at 18°. The alkali cellulose was ripened at 22° for 68 hrs. and then treated with 35% CS₂ at 22-5° for 8 hrs. The influence of temp. on the ripening of viscose was studied at 15°, 18°, 25° and 30°. Between the ripening temp. and ripeness of the viscose there is a relation expressed by $a/A = (T/t)^x$ or $A = a^x/T^x$, in which a and A are degrees of ripeness corresponding to temps. t and T and x is approx. equal to the logarithmic base e . The curve of anticoagulation of the viscose vs. temp. shows that for the ripening of viscose there are definite limits and that in ripening accompanied by a rapid increase in temp. coagulation sets in very soon. In the curves of ripeness vs. viscosity there is a break point at ripeness of 10-11 as detd. by NH₄Cl. A. A. B.

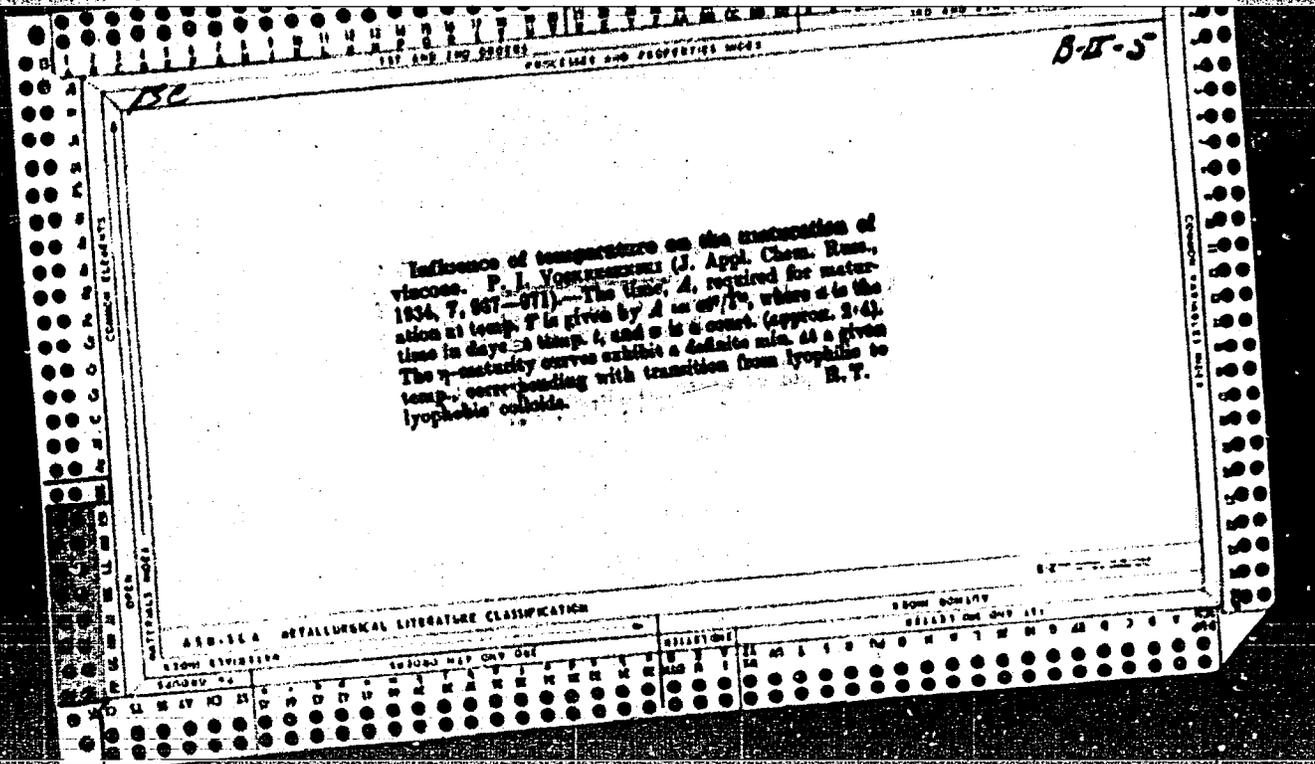
METALLURGICAL LITERATURE CLASSIFICATION

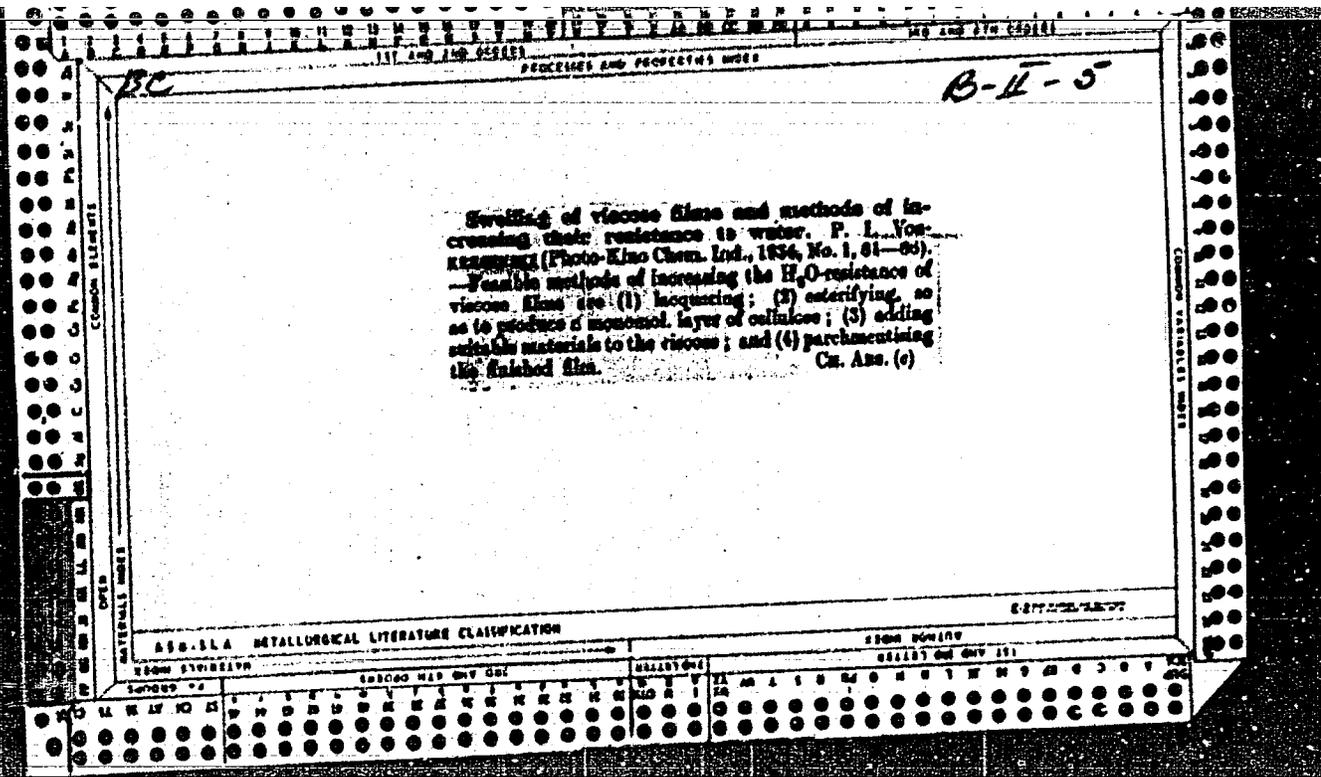
GROUP

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VOSKRESENSKIY, Petr Ivanovich; OSTROVSKAYA, Ye.M., redaktor; SHPAK, Ye.G.,
tehnicheskii redaktor

[Principal techniques in laboratory work] Osnovy tekhniki laborator-
nykh robot. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1956.
271 p. (MLRA 10;2)

(Chemistry--Laboratory manuals)

VOSKRESENSKIY, P.I.

I.I.Gapon's book "Organization of plant chemical laboratories."
Reviewed by P.I.Voskresenskii. Zav.lab. 22 no.8:1006-1008 Ag '56.
(Chemical laboratories) (Gapon, I.I.) (MLRA 9:11)

VOSKRESENSKIY, P. I.

VOSKRESENSKIY, P. I.

~~Notes on the book "Works of the Committee on Analytic Chemistry"~~
v.5 (8) Reviewed by P.I.Voskresenski. Zav.lab.21 no.6:758-759
'55. (MLRA 8:9)

(Chemistry, Analytic)

VOSKRESENSKIY, Petr Ivanovich; DERZHAVINA, N.G., red. 1zd-va;
SHMAKOVA, T.M., tekhn. red.

[Field chemical analysis and analytical reactions among
solid substances] Analiticheskie reaktsii mezhdu tver-
dymi veshchestvami i polevoi khimicheski analiz. Moskva,
Gosgeoltekhizdat, 1963. 190 p. (MIRA 16:5)
(Mineralogical chemistry)

VOSKRESENSKIY, P.I.; PIRMINOV, K.Ya. [deceased]; TSVETKOV, [?];
EFSHTEIN, D.A.; GLORIOZOV, P.A., zasl. uch. [?]; kand.khim.nauk
retsensent; STAKHANOVA, M.S., kand.khim.nauk, retsentsent; KOZLOV,
V.V., red.

[Handbook of chemistry for secondary school students]
Spravochnik po khimii dlia uchashchikh v srednei shkole.
Moskva, Prosveshchenie, 1964. 359 p. (MIRA 18:2)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk
RFR (for Gloriozov).

VOSKRESENSKIY, P.I.; Prinimali uchastiya: TSSESARSKIY, V.N.; KRUPNOV, G.A.

Purification in wet electrostatic filters of gases containing
sublimates of zinc, lead, and other nonferrous metals. Sbor.
nauch. trud. Gintsvetmeta no.20:68-81 '63. (MIRA 17:12)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh
metallov (for TSessarskiy). 2. Zavod "Elektr. tsink" (for
Krupnov).

SOV/137-59-1-312
Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 39 (USSR)

AUTHORS: Voskresenskiy, R. M., Kaplanskiy, A. F., Karpasov, M. V.,
Martynov, B. P.

TITLE: A New Compressor Aggregate for Blast Furnaces (Novyy
kompessornyy agregat dlya domennykh pechey)

PERIODICAL: Tr. Nevsk. mashinostroit. z-da, 1957 (1958), Nr 1, pp 49-68

ABSTRACT: Bibliographic entry

Card 1/1

VOSKRESENSKIY, S.

BARANSKIY, N.; BLIZNYAK, Ye.; BUKHGOL'TS, O.; VOSKRESENSKIY, S.; IVANOV, K.;
KOVALEV, S.; KOVAL'SKAYA, N.; MAKUNINA, A.; O MARKOV, K.; PETROVSKIY, I.;
PROZOROV, Ye.; RAKITNIKOVA, A.; SAUSHKIN, Yu.; SOLOV'TSEVA, T.; STEPA-
NOV, P.; SHAPOSHNIKOV, A.; KHRUSHCHEV, A.

Nikolai Nikolaevich Kolosovskii. [Obituary] Vest.Mosk.un.9 no.12:139-141
D '54. (MIRA 8:3)

(Kolosovskii, Nikolai Nikolaevich, 1891-1954)

VOSKRESENSKIY, S. A., Doc Tech Sci (diss) -- "Theory and computation of the processes of cutting lumber". Moscow, 1959. 63 pp (Min Higher Educ USSR, Moscow Forestry Engineering Inst), 150 copies (KL, No 22, 1959, 113)

YOSKRESENSKIY, S.A., dots., kand. tekhn. nauk

General theory of the pressing applied to the cutting of wood across
the grain. Nauch. trudy MITI no.6:5-22 '56. (MIRA 11:12)
(Woodwork)

YOSKRESNSKIY, S.A., kand. tekhn. nauk.

Calculation of the processes of planing and veneer sawing. Der. prom.
6 no.10:19-20 0 '57. (MIRA 10:11)

1. Moskovskiy lesotekhnicheskii institut.
(Woodwork)

124-57-1-1357

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 186 (USSR)

AUTHOR: Voskresenskiy, S. A.

TITLE: Laws Governing the Process of the Shearing of the Chips During Elementary Cross-fiber Cutting of Wood (Zakonomernosti protsessa sdviga struzhki pri elementarnom rezanii drevesiny poperek volokon)

PERIODICAL: Nauch. tr. Mosk. lesotekhn. in-ta, 1955, Nr 4, pp 86-97

ABSTRACT: It is assumed that during the process of cutting the chips are subjected to an elastic compressive and shearing deformation. Plastic deformations are not taken into account. There is no comparison with experiments.

1. Wood--Cutting--Theory

G. S. Shapiro

Card 1/1

VOSKRESENSKIY, S.A.

SMETNEV, S.I.; OZEROV, A.V., doktor vet. nauk; SHAPOVALOV, Ya.Ya.; starshiy
nauchnyy sotrudnik; BELOV, L.M., zootekhnik; VOSKRESENSKIY, S.A.
vet. vrach.

Raising chicks of Russian breeds on dry feeds and deep litter.
Ptitsvodstvo 8 no.2:10-16 F '58. (MIRA 11:1)

1. Ordena Lenina Moskovskaya sel'skokhozyaystvennaya akademiya im.
K.A. Timiryazeva. 2. Deystvitel'nyy chlon Vsesoyuznoy akademii
sel'skokhozyaystvennykh nauk im. V.I. Lenina (for Smetnev).

(Poultry--Feeding and feeding sturrs) (Litter (Bedding))

VOSKRESENSKIY, Sergeĭ Aleksandrovich; KUZNETSOV, M.A., redaktor; KOLESNI-
KOVA, A.P. *tekhnicheskiy redaktor.*

[The cutting of wood] Rezanie drevesiny. Moskva, Gos.lesbumizdat,
1955. 199 p. (MLRA 8:8)
(Woodwork)

MANZHOS, F.M., prof., doktor tekhn.nauk; VOSKRESENSKIY, S.A. prof.,
doktor tekhn.nauk; ORLOV, M.N., dots., kand.tekhn.nauk;
SOLOV'YEV, A.A., assistent

Errors in P.S. Afanas'ev's book "Design of woodworking machinery."
Der. prcm. 10 no. 4:25-26 Ap '61: (MIRA 14:4)

1. Kafedra stankov i instrumentov Moskovskogo lesotekhnicheskogo
instituta. 2. Zaveduyushiy kafedroy stankov i instrumentov
Moskovskogo lesotekhnicheskogo instituta (for Manzhos).
(Woodworking machinery) (Afanas'ev, P.S.)

PROCESSES AND PROCEDURES INDEX

B-I-8

BC

**Extraction of phosphoric acid from Viatka
 notational phosphorite, with decantation of
 pulp and washing of gypsum in concentrators.**
 S. K. YUSKREZANSKI and S. K. MILOVANOVA (J.
 Chem. Ind. Russ., 1930, 13, 774-779, 850-853).—
 The phosphorite is extracted (6 hr. at 80°) with
 2.5-3 times its vol. of aq. H₂SO₄ of a concn. such
 that 2 mols. of H₂SO₄ are present per mol. of CaO.
 Under these conditions, rapidly settling, easily
 washable gypsum is produced, and acid containing
 P₂O₅ 22, SO₃ 3-4, Fe₂O₃ 1.78, Al₂O₃ 0.82, F 0.95,
 Na₂SO₄ + K₂SO₄ 1, and SiO₂ 0.28% is obtained in
 94% yield. R. T.

ASB-11-A METALLOGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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15

PROCESSING AND PROPERTIES INDEX

Obtaining Sulfoamphos. S. K. Voskresenski and S. K. Milovanova. J. Chem. Ind. (U. S. S. R.) 14, 1397-1404 (1937).—Flotation spallite can be completely decomp. by the theoretical amt. of H_2SO_4 in which 10-17% of the acid has been replaced by an equiv. amt. of $(NH_4)_2SO_4$. The use of excess $(NH_4)_2SO_4$ lowers the percentage SO_4 . The product thus obtained is mixed with 2.81 times its wt. of a 40% soln. of $(NH_4)_2SO_4$ and neutralized with NH_3 . The product is dried to a H_2O content of 7-8% and has good phys. properties for use as a fertilizer.

H. M. Leicester

METALLURGICAL LITERATURE CLASSIFICATION

MATERIALS INDEX

COMMON ELEMENTS

CIVIL ENGINEERING

ELECTRICAL ENGINEERING

MECHANICAL ENGINEERING

METALLURGY

MINING ENGINEERING

METALS

NON-FERROUS METALS

FERROUS METALS

STEEL

IRON

COAL

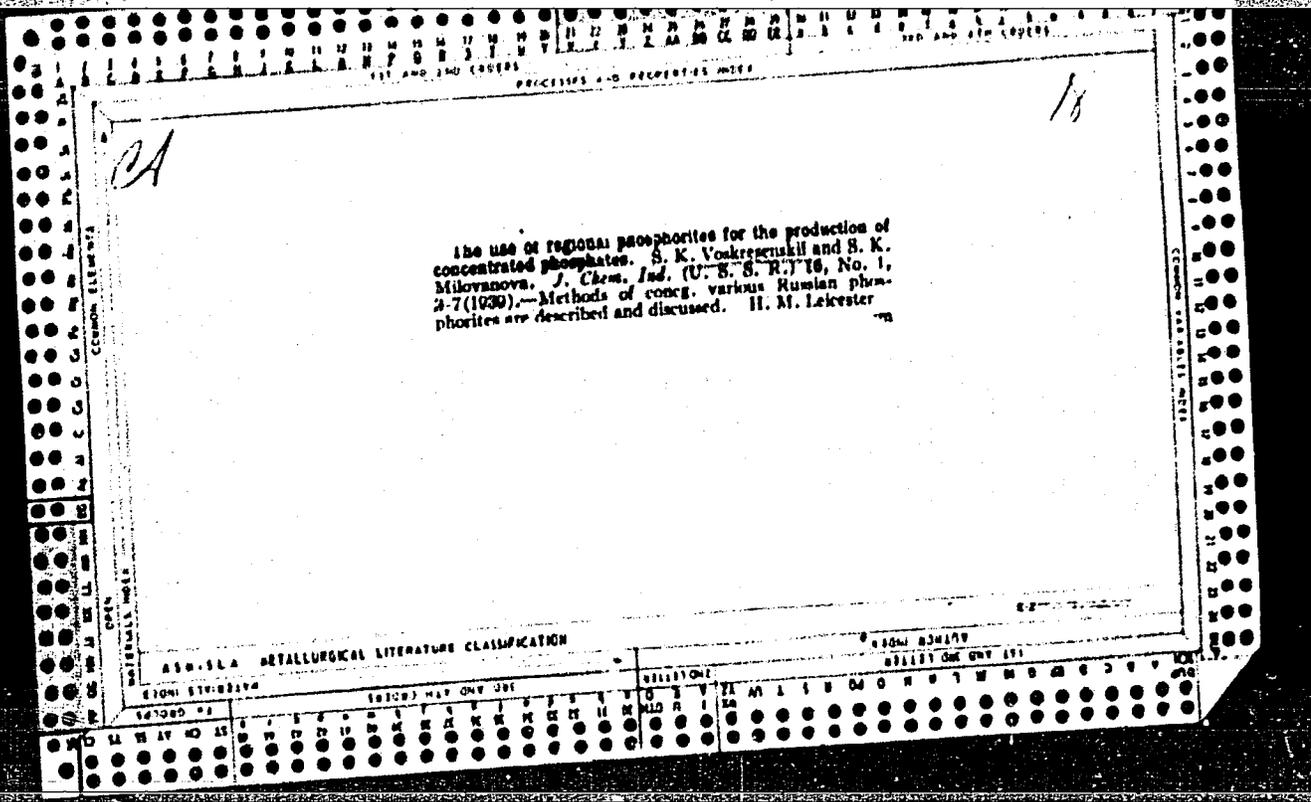
FUELS

CHEMISTRY

PHYSICS

MATH

GENERAL



18

CA

Production of phosphoric acid from flotation apatite. S. K. Voskresenskii. *Trans. Sci. Inst. Fertilizers In-secosyuznicolas* (U. S. S. R.) No. 153, 43-53(1940).—An investigation was made of the chem.-technological conditions in the manuf. of H_3PO_4 from flotation apatite contg. CaO 51.2-1.8, P_2O_5 28.5-0.2, R_2O 3.6, Fe_2O_3 2.0, F 3.06, H_2O 2.8 and water 0.1%. The app. consisted of four 6-1. agitators for continuous operation. It was most desirable to add all the H_2SO_4 to the first agitator. Extn. of P_2O_5 into soln. was 97-98% with acid dosage of 97-100% of that calcd. for CaO in the apatite. Ratio of liquid/solid in the extn. pulp should be kept at 2.5:1-3:1. It was possible to obtain pure H_3PO_4 of 36-40% P_2O_5 . In the pptn. of $CaSO_4 \cdot 1/2H_2O$ the acid compn. was P_2O_5 33-6, SO_4 1.8-2.4, CaO up to 0.2, Fe_2O_3 0.7-1.2, Al_2O_3 0.8-1.0 and F 1.3-1.6%. In the pptn. of $CaSO_4 \cdot 2H_2O$ the acid compn. was P_2O_5 23-6, SO_4 1.1-1.6, CaO up to 0.2, Fe_2O_3 0.8-0.9, Al_2O_3 0.5-0.8, F 1.3-1.6 and sol. SiO_2 0.4-0.6%. The semihydrate is unstable and upon a decrease in temp. and H_3PO_4 concn. it changes to the dihydrate. Hydration of the ppt. in the washing system tends to clog the piping and may damage the app., so that with the present filtration app. it is necessary to limit the process to acid of 22-6% P_2O_5 and also the stable gypsum form. The process was carried out with and without circulation of the pulp and the gypsum was the same in both cases. Best structure of the ppt. was obtained with a contact time of 8 hrs.; increase to 10 hrs. did not improve the structure, and decrease to 6 hrs. resulted in very elongated crystals. The method without circulation of the pulp is recommended. Flow sheets are included. B. Z. Kamich

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

FROM BOARD

SELECT ONE OR MORE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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PROCESSES AND PROPERTIES INDEX

18

CA

Production of phosphoric acid from flotation phosphorites. H. K. Vostreschuk, S. K. Mironova and A. A. Ionova. *Izv. Vses. Inst. Issled. Inzh. i Tekhn. (U. S. S. R.)* No. 188, 65-91 (1940).—Data are given on production of H_3PO_4 from Vyatskii, Aktyubinsk and Egovskii flotation phosphorites (cf. preceding abstract). Acid dosage was 97-103% of that calcd. for CaO , coeff. of extn. into soln. was 94-7% and acid compn. was P_2O_5 22-3, SO_3 1.6-3.5, Fe_2O_3 1.5-2.5, Al_2O_3 up to 1.0, F up to 1.35 and sol. SiO_2 up to 0.5%. With all other conditions being the same the largest and most uniform ppt. of $CaSO_4$ was obtained when ratio of SO_3/CaO in the liquid phase of the pulp was 3.0-4.0. Conc. of SO_3 in the soln. usually did not exceed 1.5-2.0% and CaO 0.7-0.3%. The ratio of liquid/solid in the extn. pulp should be kept within 3:1-2.5:1 when thickeners are used. The total contact time was 6 hrs. and temp. not lower than 75-80°. Reduction of temp. to 35-40° impaired the structure of the ppt. The method in which there is no circulation of the pulp is recommended because of simplicity and also because of yield of ppt. of good structure. Data are given for calc. the throughput of thickeners and filters.

n 7, Kamich

ASS-ISA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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CR

Production of sulfoximopyran. S. K. Voskresenski
 and S. K. Milovanova. *Trans. Sci. Inst. Prib. 1971*
Insectofungicides (U. S. S. R.) No. 153, 215-27 (1970).
 In the extn. of acid of 24.25% P₂O₅ from apatite, it is
 possible to substitute 10-17% of the H₂SO₄ (calcd. for the
 Cat) by an equiv. amt. of (NH₄)₂S₂O₈, without reducing
 the degree of descompn. By increasing the substitution
 to 20% or 30%, the extn. of P₂O₅ drops to 91% and 82%
 resp. The acid thus obtained is mixed with 2.51 parts
 by wt. of 40% (NH₄)₂SO₄ and then neutralized with NH₃
 to an extent corresponding to 75% mono- and 25%
 diammonium phosphate (bromocresol purple indicator).
 During satn. of the soln. and the drying of the pulp there
 were no losses of NH₃.
 B. Z. Kamsh

ASAC-514 METEOROLOGICAL LITERATURE CLASSIFICATION

CP

15

Production of double superphosphates from phosphorites and apatite. S. K. Voskresenskii, S. K. Mikhovanova and R. E. Reinfeld. *Trans. Sit. Inst. Fertilizers Insect/Jungicides* (U. S. S. R.) No. 133, 243-71 (1940).
 In the production of double superphosphate from flotation apatite the optimum dosage of H_2SO_4 is 105%, as calcd. from the active H^+ . In the case of phosphorites, 100% is sufficient. In the decomn. of apatite, the optimum concn. of acid is 50-5% P_2O_5 . The use of this acid in the production of double superphosphate yields a product having not over 9-11% moisture and does not require drying. However, the evapp. of the acid to 55% P_2O_5 requires large steam consumption. B. Z. K.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ALPHABETICALLY

ALPHABETICALLY

VOSKRESENSKIY, S. K.

VOSKRESENSKIY, S.K., st. nauchn. sotr., red.

[Production of 32% P₂O₅ phosphoric acid by the decomposition of apatite by sulfuric acid with the crystallization of gypsum] Proizvodstvo fosfornoj kisloty kontsentratsiei 32% P₂O₅ razlozheniem apatita sernoi kislotoi s kristalizatsiei gipsa. Moskva, Laboratoriia nauchno-tekh. informatsii, 1962. 15 p.

(MIRA 17:7)

VOSKRESENSKIY, S.K.

[Production of phosphoric acid by the decomposition of
apatite by sulfuric acid] Proizvodstvo fosfornoj kisloty
metodom razlozhenii apatita sernoi kislotoi. Moskva,
GOSINTI, 1961. 31 p. (MIRA 15:8)
(Phosphoric acid) (Apatite)

SHPUNT, S.Ya.; VOSKRESENSKIY, S.K.; ARKHIPOVA, L.N.; LENEVA, Z.I.;
Prinimali uchastiye: LI, K.P.; ROGOVA, G.I.; SHADRINA, S.A.;
OSIPOVA, T.N.

Decomposition of apatite in fluosilicic acid and the preparation
of monocalcium phosphate. Khim. prom. no.10:50-54 0 '61.
(MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut udobreniy
i insektofungitsidov.
(Apatite) (Fluosilicic acid) (Calcium phosphate)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861030003-9

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861030003-9"

VOSKRESENSKIY, S. K.

USSR/Chemical Technology -- Chemical Products and Their Application. Fertilizers,
I-6

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1445

Author: Voskresenskiy, S. K.

Institution: None

Title: Concentrated Phosphate Fertilizers

Original
Periodical: Khim. nauka i prom-st, 1956, Vol 1, No 2, 129-138

Abstract: A survey of advances in the production of simple superphosphate in the USSR. The methods and problems in the production of extracted H_3PO_4 and its concentration in the production of double superphosphate, ammonium phosphate ("ammofos"), and precipitate (see Abstract 1444) from apatite concentrate, Kara-Tau phosphorites, etc, are discussed. The bibliography includes 9 items.

Card 1/1

VOSKRESENSKIY S.K.,

SHPUNT, S.Ya.; VOSKRESENSKIY, S.K.; ARKHIPOVA, L.N.; MOSTOVICH, F.Ye.

Using phosphoric acid extracted from magnesium salts in the production of double superphosphate. *Khim. nauka i prom.* 2 no.2:270-271 (MIRA 10:6) 157.

1. Nauchno-issledovatel'skiy institut udobreniy i insektofungitsidov.
(Phosphoric acid) (Phosphates) (Magnesium salts)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861030003-9

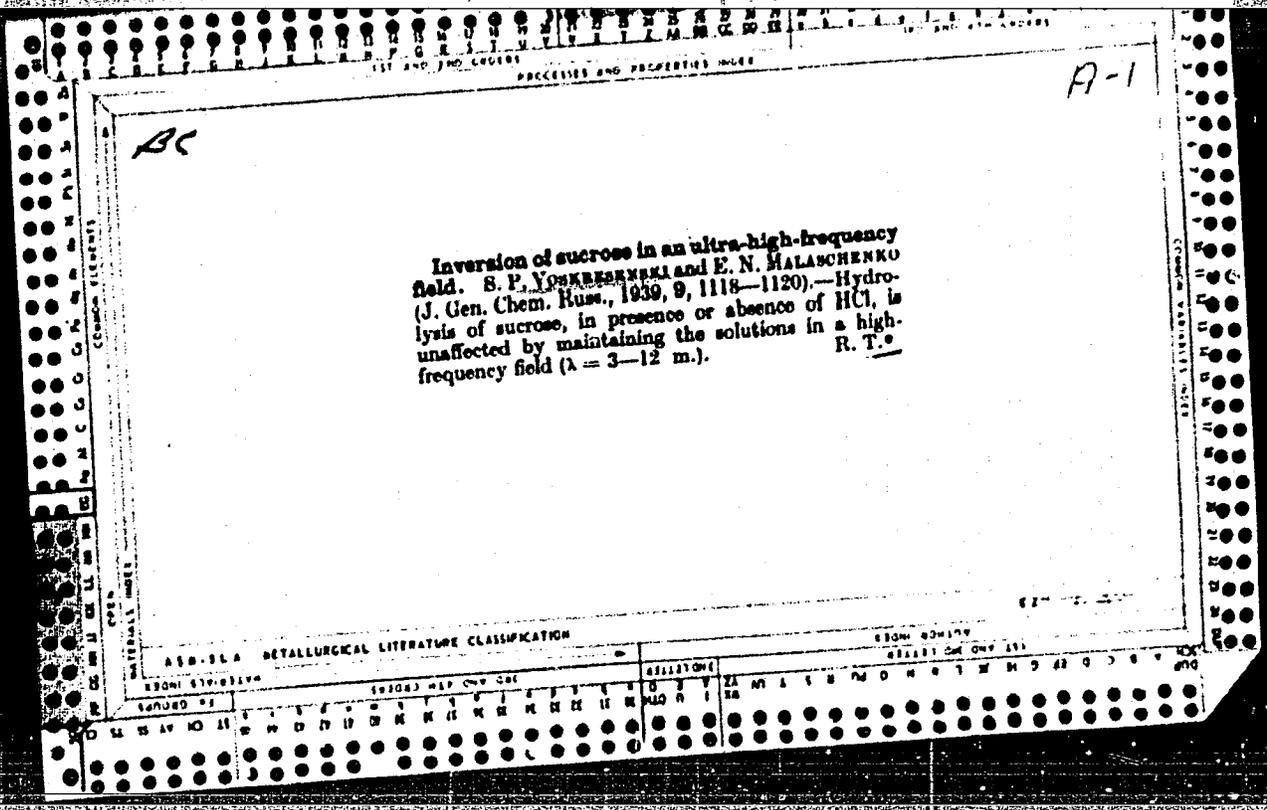
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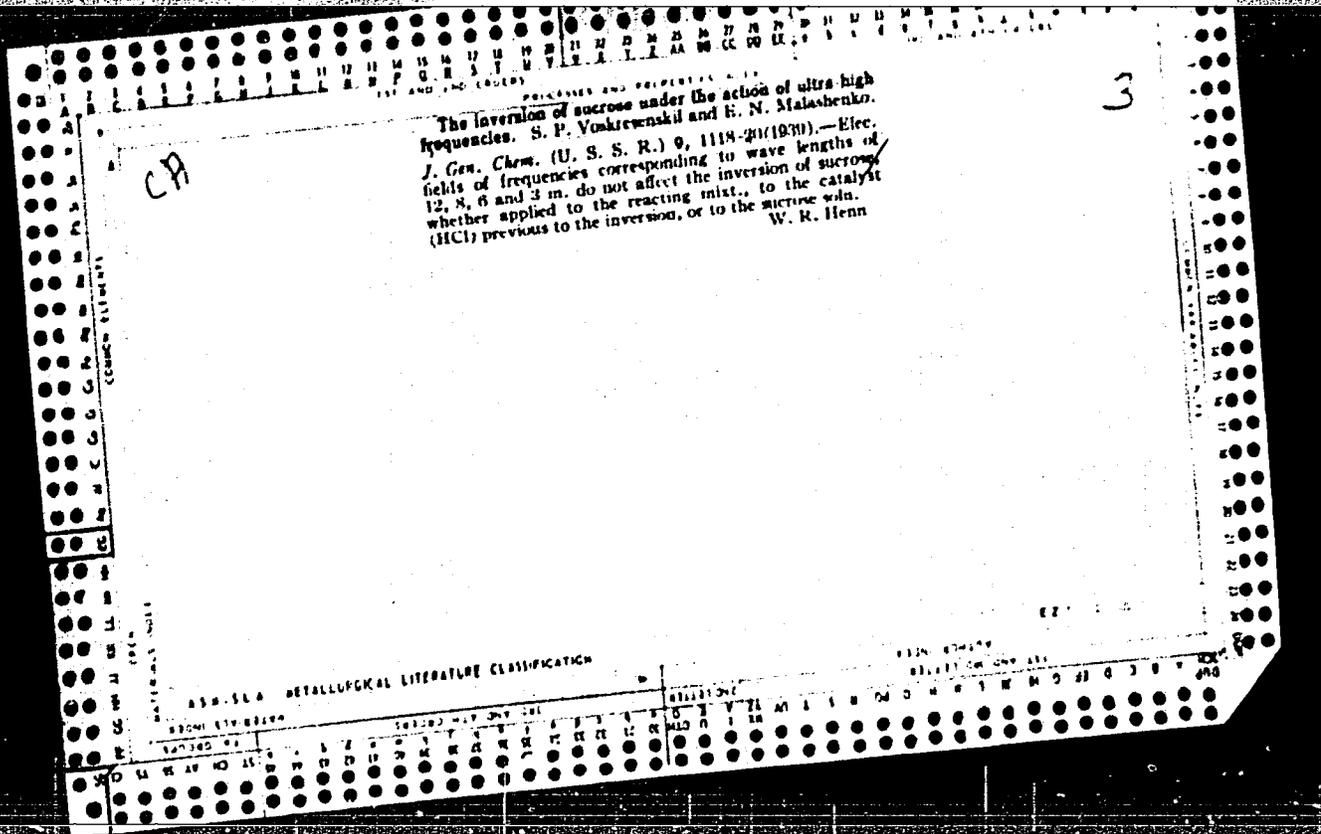
CIA-RDP86-00513R001861030003-9"

MIKHAYLOV, A.V. (Chitinskaya obl.); BEVZ, G.P. (Kiyev); GISIN, B.V.,
(Alma-Ata); SANDLER, TS.M (Sumy); AVERBUKH, M.P. (Leninabad);
SHENIPOR, B.H. (Vinnitsa); ZAKHAROV, V.L. (Minsk); YASINOVYY,
E.A. (Kuybyshov); VOSKRESENSKIY, S.N. (Kuybyshov)

Problems. Mat.v shkole no.4:94-95 J1-Ag '59.
(MIRA 12:11)

(Geometry--Problems, exercises, etc.)





NOVIKOVA, A.P.; VOSKRESENSKIY, S.P. [deceased]

Some characteristics of the development of offspring of dogs exposed to radium fission products [with summary in English]. Med. rad. 4 no.2:15-20 F '59. (MIRA 12:4)

(RADIUM, effects, offspring of dogs exposed to radium fission prod. (Rus))

Voskresenskij, S. P.

"Inversion de la saccharose sous l'action des ultra-hautes frequences." Voskresenskii.
S. P.; Malasenko, E. N. (p. 1118)

SO: Journal of General Chemistry
(Zhurnal Obshchei Khimii) 1939, Volume 9, #12

200103

VOSKRESENSKIY, S. S.

USSR/Geodetic Survey 6101.0101

1947

"Asymmetry of the Slopes of River Valleys in the Territory of the European Part of the USSR," S. S. Voskresenskiy, 8 pp

"Voprosy Geografii" Fourth Symposium

Deals with asymmetry of banks of river beds, valleys, bottomlands and intrariver area, together with their distribution. Greater part of article discusses acceleration of Koriolis (geodetic law concerning rotating river current and formation of river banks) as established by Bera and Bobine, and deviations from this principle.

200103

LC

VOSKRESENSKIY, S.S.

Some considerations on organization and methods of physical geographic research
(Experience of the Eastern Siberian expedition of the Scientific Research
Institute on Geography of the Moscow State University, 1948-1951). Vest.Mosk
un.8 no.9:149-160 S '53. (MLRA 6:11)

1. Kafedra geomorfologii.

(Geographical research)

SPIRIDONOV, A.I. [author]; VOSKRESENSKIY, S.S.; ZVORYKIN, K.V.; LEONT'YEV, O.K.
[reviewers].

"Geomorphological mapping." A.I. Spiridonov. Reviewed by S.S. Voskresenskiy,
K.V. Zvorykin, O.K. Leont'ev. Izv. Vses. geog. ob-va 85 no. 4: 483-485 J1-Ag '53.
(ML8a 6:8)

(Geology--Maps) (Spiridonov, A.I.)

VOSKRESENSKIY, S.S.

~~Geomorphological research for hydro-power construction sites (exemplified by the Angara Valley). Vop.geog. 36:40-55 154. (MIRA 8:4)~~
(Angara Valley--Hydraulic engineering) (Hydroelectric power stations)

VOSKRESENSKIY, S. S.

USSR/ Geology - Geomorphological research

Card 1/1 Pub. 45 - 7/18

Authors : Bashenina, H. V., and Voskresenskiy, S. S.

Title : Methods of geomorphological research

Periodical : Izv. AN SSSR. Ser. geog. 1, 61 - 68, Jan-Feb 1955

Abstract : Various methods of conducting geomorphological research are listed and discussed in detail. Three Soviet references (1948 - 1954). Table.

Institution : M. V. Lomonosov Moscow State University, Geographic Faculty

Submitted :

VOSKRESENSKIY, S.S.

ALISOV, B.P.; BARANSKIY, N.N.; BELOUSOV, I.I.; BLIZNYAK, Ye.V.; BURENSTAM, A.G.;
VITVER, I.A.; VOSKRESENSKIY, S.S.; GVOZDNETSKIY, N.A.; IVANOV, K.I.;
MEYERGOYZ, I.M.; ~~FERROV, K.K.~~; NIKOL'SKIY, I.V.; SAUSHKIN, Yu.G.; SOLOV'YEV,
A.I.; STEPANOV, P.N.; KHRUSHCHEV, A.T.

Nikolai Nikolaevich Kolosovskii, 1891-1954. Vop.geog. no.37:210-211 '55.
(Geography--Study and teaching) (Kolosovskii, Nikolai Nikolaevich,
1891-1954)

VOSKRESENSKIY, S.S.; KARANDNYEVA, M.V.

Ivan Semenovich Shchukin (on the occasion of his seventieth birthday). Izv.AN SSSR.Ser.geog. no.1:154-155 Ja-F '56.
(Shchukin, Ivan Semenovich, 1885-) (MLRA 9:7)

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
pp 26-27

14-57-6-11832

AUTHOR: Voskresenskiy, S. S.

TITLE: An Experiment in Classifying Fluvial Forms of the Relief (Opyt klassifikatsii flyuvial'nykh form rel'yefa)

PERIODICAL: Vestn. Mosk. un-ta, 1956, Nr 6, pp 141-146

ABSTRACT: The author's classification of fluvial forms of the relief (river valleys, depressions, gullies, water-holes, ravines, falls, etc.) is based on water-flow peculiarities. The fluvial process is regarded from two points of view: 1) it creates certain forms which result from the interaction of a stream and its channel, and 2) it is the result of protracted stream activity. The flow channel is a form which has taken only a very short time to develop, whereas the fluvial

Card 1/3

14-57-6-11832

An Experiment in Classifying Fluvial Forms (Cont.)

form is the result of flow activity over a long geological period of time. The author points to the significance of the geomorphological transverse profile of the fluvial form expressing the nature of the flow which has created the particular form, the morphography and morphometry, the material structure, the history of the valley development, and its age. Structure of the flow channel and the banks (whether they are deluvial, sliding, or caving-in and crumbling) is taken into consideration. The following fluvial forms are distinguished: incipient, simple, depositional, compound depositional, slide depositional-with raised channel, and abandoned valleys. Stress is placed on the difference between deeply-incised valleys and lightly-incised ones, which expresses the different relationships between the size of the valley bottom and its gradients. Study of the development of fluvial process makes it clear that in the past various agents have cooperated to form the relief, and that the action of flowing water became associated with them later. The tectonic factors play an important part also. Diversity
Card 2/3

14-57-6-11832

An Experiment in Classifying Fluvial Forms (Cont.)

of fluvial forms in the relief is determined, in the last analysis, by the differences in amounts of flowing water, and by their elevation above the base of erosion during the course of geological history.

Card 3/3

D. Karstens

15-1957-12-16986
Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12,
pp 41-42 (USSR)

AUTHOR: Voskresenskiy, S. S.

TITLE: Formation and Preservation of Early Erosion Surfaces on
the Central Siberian Plateau (Usloviya formirovaniya i
sokhraneniya drevnikh poverkhnostey vyravnivaniya na
Sredne-Sibirskom ploskogor'ye)

PERIODICAL: Uch. zap. Mosk. un-ta, 1956, Nr 182, pp 9-27

ABSTRACT: Step-like relief appears to be a characteristic feature
of the Central Siberian Plateau which consists of several
early surfaces of erosion. According to many investiga-
tors, the age of the higher surfaces is greater than
that of the lower ones. The steps in the relief have
been explained by the process of exposing the horizontal
trap layers, by block uplifts in the district, or by
differential erosion. Absolute and relative altitudes
of the plateau bear witness to rocking movements which
had taken place in the Pliocene and Quaternary periods.

Card 1/3

15-1957-12-16986

Formation and Preservation of Early Erosion Surfaces on the Central Siberian Plateau

Component rocks differ sharply in their resistance to weathering and erosion. The blanket sedimentary deposit was intensely displaced in some locations. Exogenic processes have taken a highly unusual course, and produced a variety of forms. In different parts of the plateau steps can be seen between the rivers, but they are indistinct in some places. The difference of elevations in the inter-stream zone, as well as the presence of steep slopes and scarps, usually reflect the nature of geological structures. There exist two levels in the inter-stream zone: a lower formed as a result of denudation near the end of Pliocene, and an upper one representing the remnant of a high trap plateau and showing some features of the early relief. The early relief may have also been preserved in regions with small absolute altitudes, where a general uplift was slower, or where it alternated with the periods of subsidence. Formation of early surfaces is related to the processes of erosion and denudation which were accompanied by the action of freezing and thawing, by abrasion and formation of large lake

Card 2/3

15-1957-12-16986

Formation and Preservation of Early Erosion Surfaces on the Central Siberian Plateau

basins. It is impossible to consider the relief of the Central Siberian Plateau as a "stairway" of erosional planes of different ages as long as the elements of early relief can be found at small elevations and also at considerable absolute heights. The explanation of a relationship of erosional processes to geological structures and movements of crust presents the chief problem to the Central Siberian Plateau geomorphology.

Card 3/3

A. I. Medyantsev

VOSKRESENSKIY, S.S., Doc Geog Sci--(diss) " Problems of ^{the} Eschomorphy of Siberia." Mos, 1958. 30 pp (Len Order of Lenin and Order of Labor Red Banner State U in N.V. Lomonosov. Geog Faculty), 100 copies (13,25-58,109)

-41-

VOSKRESENSKIY, S.S.

BASHENINA, N.V.; LEONT'YEV, O.K.; SIMONOV, Yu.G.; VYSKREBENTSEVA, V.S.
VOSKRESENSKIY, S.S.; PIOTROVSKIY, M.V.

Genetic classification of the relief and the principles of making
large-scale geomorphological maps. Izv. AN SSSR. Ser. geog. no.1:115-120
Ja-F '58. (MIRA 11:2)

1. Geograficheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta
im. M.V. Lomonosova.

(Physical geography) (Maps)

VOSKRESENSKIY, S.S.

Geomorphological regions of southern Siberia, center of construction
and reclamation of virgin lands. Vop. geog. no.46:3-13 '59.
(MIRA 12:12)

(Russia, Southern--Physical geography)

YOSKRESENSKIY, S.S.

Tectonic pattern of relief. Vop. geog. no.46:119-130 '59.
(MIRA 12:12)

(Geology, Structural)

VOSKRESENSKIY, S.S.; ZORIN, L.V.; SIMONOV, Yu.G.

Laws of slope formation in Eastern Siberia. Vest. Mosk. un. Ser. 5:
Geog. 15 no.1:49-56 '60. (MIRA 13:8)

1. Kafedra geomorfologii Moskovskogo universiteta.
(Siberia, Eastern--Geology, Structural)

VOSKRESENSKIY, S.S.

Second All-Union Conference on Geomorphology. Vest. Mosk. un.
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(Physical geography--Congresses)

PIOTROVSKIY, Vladimir Vladimirovich; PODOBEDOV, N.S., prof., retsenzent;
BOGOMOLOV, L.A., dotsent, retsenzent; GELLER, S.Yu., doktor geograf.
nauk, retsenzent; BLAGOVOLIN, N.S., nauchnyy sotrudnik, retsenzent;
BOGDANOVA, N.M., nauchnyy sotrudnik, retsenzent; DOSKACH, A.G.,
nauchnyy sotrudnik, retsenzent; ZHIVAGO, A.V., nauchnyy sotrudnik,
retsenzent; RANTSMAN, Ye.Ya., nauchnyy sotrudnik, retsenzent; NIKOLAYEV,
N.I., prof., retsenzent; DOBROVOL'SKIY, V.V., dotsent, retsenzent;
VOSKRESENSKIY, S.S., red.; SHAMAROVA, T.A., red., izd-va; PREYS, E.M.,
tekh.n. red.

[Geomorphology and fundamentals of geology] Geomorfologiya s osnovami
geologii, Riga, Izd-vo geodez. lit-ry, 1961. 283 p.

- (MIRA 14:12)
1. Nachal'nik otdela geomorfologii Instituta geografii AN SSSR (for Geller).
2. Otdel geomorfologii Instituta geografii AN SSSR (for Blagovolin, Bogda-
nova, Doskach, Zhivago, Rantsman). (Geomorphology) (Geology)

KRIVOLUTSKIY, A.Ye.; KHAIN, V.Y.; Primali uchastiye: VOSKRESENSKIY, S.S.;
SKORNYAKOVA, L.A.; KUZ'MINSKAYA, K.S.

Geographical zonality of principal exogenous processes. Zhizn' Z3m.
no.1:85-90 '61. (MIRA 15:6)
(Physical geography)

VOSKRESENSKIY, S.S.; SIMONOV, Yu.G.

Geomorphological analysis in prospecting for pebbles, sands, and
clays in the Angara Valley. Vop.geog. no.52:45-55 '61.

(MIRA 14:6)

(Angara Valley--Rocks, Sedimentary)

VOSKRESENSKIY, S.S.; ANAN'YEV, O.S.

The structure of slope sediments in Transbaikalia. Vest. Mosk. un.
Ser. 5: geog. 16 no.6:54-61 N-D '61. (MIRA 14:11)

1. Kafedra geomorfologii Moskovskogo universiteta.
(Transbaikalia--Sediments (Geology))